

# PATENT ABSTRACTS OF JAPAN

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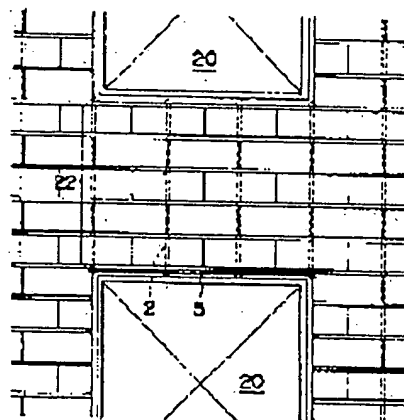
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## (54) BEAM ERECT CONSTRUCTION METHOD OF BLOCK LAYING STRUCTURE

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a constructive method that requires no special structure for increasing the strength even in the case of a laying structure having an opening part.

SOLUTION: This beam erecting method of block laying structure consists of a block body provided with a longitudinal through hole in its central part and each longitudinal semicircular groove at both sides respectively, and a horizontal reinforce being longer than this block body 5 and installed with a mounting hole at a pitch of distance between the through hole center and the semicircular groove center. Accordingly plural pieces of the through hole are installed side by side in the horizontal direction, and the horizontal reinforcer 5 is made to exist in the vertical direction, while the block body is set up stepwise so as to make the through hole and the semicircular groove be alternately continued, and in an opening part 20 like a window or the like, the block body and the horizontal reinforcer 5 are made so as to be terminated, and furthermore, the block bodies themselves are clamped and integrated in one in both horizontal and vertical directions by means of each clumper 2 set up in a hole formed by the through hole of the block body and the groove of the adjacent block body.



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